

Figure 1

1. Sensor indicates pressure loss in tire (e.g. through antilock braking system or
5 direct pressure measurement)
2. Signal sent to vehicle speed controller includes: (a) pressure loss; (b) tire
identification; (c) speed and mileage capabilities of tire; (d) tire position
3. Speed controller limits vehicle speed according to: (a) selected profile (e.g., type
of tire, position, mileage capabilities in zero-pressure condition); or (b) default
10 profile (e.g. no signal given, or signal not readily interpreted)
4. Highest available speed limited and decreases according to mileage travelled